

# RCN Policy on Applications for No-Cost Service Additions

## No Cost Additions of Applications

**Policy:** The TAG and ITS committees will approve no cost additions of applications that respect the funding requirements, technical limitations, regional nature and equitable use of the RCN.

**Purpose:** This policy allows the timely addition of applications to the RCN while providing for fair accommodation to participating agencies.

**Applicability:** This policy applies only to no cost application additions by existing participants in the RCN.

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**Evaluation:** The TAG and ITS committees will review all requests that seek to add additional applications based on the following criteria.

| Area                                    | Description  |
|---|--|
| Compatibility with funding requirements | Transportation uses must be given priority because construction of the facilities relies on federal transportation funding. Additional uses are permitted as long as they do not affect the transportation use. Projects must demonstrate that they are either compatible with the transportation use or that they will not impact that use in order to be considered. |
| Bandwidth Usage                         | The proposed use should be shown to not exceed the available bandwidth of the network, including burst traffic.  |
| Regional Use                            | Regional uses of the network for interagency communication should be given preference over individual use.   |
| Agency Distribution                     | The project should reflect a reasonable distribution of bandwidth among agencies.  |
| Cost                                    | Agencies should demonstrate that there will be no additional costs borne by the RCN for the implementation of the application. The agency will have the option of doing this by assuming the costs associated with implementation.   |

Requests for applications must include the understanding that non-transportation applications may have to be removed from the network in the future or may have to upgrade equipment to maintain the ability to execute transportation related applications.

A request must be approved by both committees before the additional application is added to the RCN.

**Application Procedure:** Requesting agencies will submit the attached form to MAG with supporting information as necessary. All applications will be reviewed by the RCN Working Group and a recommendation generated for TAG and ITS committees for consideration.

# RCN Application for No-Cost Service Additions

|                                   |                                 |
|-----------------------------------|---------------------------------|
| <b>Agency requesting service:</b> | Phoenix Fire Technical Services |
|-----------------------------------|---------------------------------|

**Description of the service being requested:**

Phoenix Fire currently has a cad-to-cad interface to the City of Mesa Fire and Emergency Medical dispatch center. The current connection runs over a microwave connection. There is a desire to establish a backup connection using the RCN to provide redundancy for the interface to remain in service during times of maintenance and other planned or unplanned outages.

**Description of the transportation use of this service:**

Fire and emergency medical call dispatching.

|                                      |            |
|--------------------------------------|------------|
| <b>Estimated bandwidth required:</b> | < 100 Mbps |
|--------------------------------------|------------|

|   |            |
|---|------------|
| <b>Estimated peak bandwidth required:</b> | < 100 Mbps |
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**Method used to determine bandwidth (Please include relevant supporting documentation):**

We will utilize MAG RCN owned equipment on both ends of the connections so that RCN can monitor and manage bandwidth. Devices will be configured so they can only utilize the agreed to bandwidth size.


**Description of the regional benefit associated with this service:**


Fire and emergency call dispatching CAD-to-CAD interface between Phoenix and Mesa alarm rooms.


**List of agencies that will benefit from this use now and in the future:**

|                 |      |
|-----------------|------|
| City of Phoenix | Fire |
| City of Mesa    | Fire |

Please initial the following statements to affirm your understanding of the following RCN restrictions:

 If this is not a transportation use, I understand that my agency may have to mitigate or terminate our use of the service if it impacts the core transportation use.

 I acknowledge that the RCN does not have a guaranteed service level at this time and that the proposed use is consistent with this level of availability.

 I agree that our agency will bear any costs associated with the implementation of this service and that if it results in additional network management costs, those costs will be borne by our agency.

Applicant's Signature:



Fire Technology Manager

Name

Title

Phoenix Fire Technical Services

Agency

July 8, 2019

Date

Return this application to: Ryan Gish, MAG – rgish@azmag.gov